HEALTHCARE
Imaging >
Global Support Operations

HOME

Technical Documentation

Order-No.: DD+DIS100.02E

1 Piece U67N8 MA1

ADC System Components

Type 4406

Please file this document in section 6.2
of your Technical Documentation ADC System

Description of the Printer Definition Files (Version PRN.A.3.0.02)

List of Contents

1 General Information on "Printer Definition Files" (P.D.F.) 1
2 Description of the Printer Definition Floppy 1
3 Installation of the "Printer Definition Files" 2
4 Installation on the Processing Station..... 2
5 Installation on CCM.1.1.06 2
6 Special Configuration Items in the "Printer Definition Files" 3
7 Supported Printers (Version PRN.A.3.0.02)..... 4

printed in Germany 06 / 2002

AGFA

1 General Information on "Printer Definition Files" (P.D.F.)

Via the "printer definition files" non AGFA DICOM printers can be integrated into an ADC System. Each “printer definition file” contains information about one certain printer type and model. Parameters maybe supported film sizes, used media type or pixels per millimeter. The evaluation and release of these files is done by headquarter people. Thus, no manipulation of that files should be necessary in the field.

The printer definition files will be distributed independently from VIPS / CCM software releases in the future. They will be distributed when new connectivity to printers has been released (normally on a floppy with a version number (current version:PRN.A.3.0.02) or via MedNet. (MedNet path: Computed Radiology / ADC System Components / CSO Freeware / Printer Definition Files PRN.A.3.0.02) The current version of that “printer definition files” will be included in the upgrade package for the VIPS.1.2.00.

From VIPS.1.1.09 and CCM.1.1.05 on, there is a possibility provided to download the newly released “printer definition files”. Please note that the current version PRN.A.3.0.02 of the "printer definition files" is not integrated as default in the printer list of CCM 1.1.06. It still has to be downloaded to the CCM.1.1.06. The procedure is described below.

The "printer definition files" have already been introduced with VIPS 1.1.05 to send to non AGFA DICOM Printers and increase the number of print layouts for the SmartPrint option. However, we did not yet have the flexibility there to update the “known printer” database in the CCM and VIPS software respectively, without upgrading the software. This is now possible in an easy manner.

2 Description of the Printer Definition Floppy

The release of P.D.F. is managed by Integration Engineering, whereas the distribution is done by HE GSO. Each set of P.D.F release has a version encoded as `PRN.X.n.n.nn`
The contents is:

- Multiple `PRINTER-ID.txt` printer definition files for VIPS, containing date and version for IE version management
- `PRINTERS.prd` listing file for VIPS Maintenance menu procedures. This file contains for each printer definition file on the floppy a line with these fields:

```
# printer              file                comment
PRINTER-ID         PRINTER-ID.txt          Free text
...                      ...               ...
```

- `Printers.mdb` file for CCM tool, containing tables for printers and film sizes, containing the version `PRN.X.n.n.nn` and date
- `VERSION` file, containing version `PRN.X.n.n.nn` and date

3 Installation of the "Printer Definition Files"

Make sure you are installing a set of printer definition files (PDF) that is compatible with the cpf-file that is used on this system
Current configuration:

- Printer definition file floppy PRN.A.3.0.02
- CCM – tool 1.1.06
- VIPS 1.2.00

4 Installation on the Processing Station

The upgrade of the set of P.D.F.s in your VIPS software may make it necessary to redo some printer settings in the cpf-file with CCM.1.1.06. Please consider that if you have printing problems after the upgrade, redo the cpf-file with CCM 1.1.06

No.	Procedure Steps	Display / Comment
1.	Go to **<Maintenance>**, enter password and hit **<Return>**	
2.	Insert "Printer definition files" floppy disk	
3.	Select: **2** to select **Install** and hit **<Return>** **8** to select **Printers** and hit **<Return>** **1** to select **CopyPrinters** and hit **<Return>**	Files are copied. You are asked to confirm every file that has to be overwritten.
4.	Exit **<Maintenance>**	

5 Installation on CCM.1.1.06

CCM.1.1.06 requires the installation of P.D.F - PRN.A.3.0.02

No.	Procedure Steps	Display / Comment
1.	Start CCM.1.1.06 tool	
2.	Click button **<Destinations configuration>**	
3.	Click button **<Hardcopy>**	
4.	Insert Printer definition file floppy PRN.A.3.0.02 into floppy drive	
5.	Click button **<Read new printer definition file from drive A:>**	Comparison of current version and version on floppy takes place
6.	Click **<Yes>** to import from floppy	Printer definition files successfully imported
7.	Click **<Ok>**	
8.	Restart CCM.1.1.06 tool to integrate the new file	

6 Special Configuration Items in the "Printer Definition Files"

Activating Film Orientations on the Processing Station for printers with insufficient RAM for image rotation

Due to a lack of memory (RAM) some printers only support one film orientation for certain film sizes. There is a possibility to activate the other film orientation by editing the concerned "printer definition file". From VIPS 1.1.09 on, the Processing Station provides the possibility to rotate the image in a background process. The image is then sent to the printer and printed on the available film orientation. The printer does not have to rotate the image locally.

This setting is activated as default for the Sterling LP 400, which only prints 14" x 17" film in portrait orientation. By adding the entry "HCP_ORIENTATION PORTRAIT" to the settings for the 14" x 17" film in landscape orientation, the rotation of the image will be done on the Processing Station.

Extract of the file:

```
$FILMID              "14 X 17 IN - P"
    FILMSIZE             14INX17IN
    RESOLUTION           STANDARD
    ORIENTATION          PORTRAIT
    ROWS                 4972
    COLS                 4170
    PIXELS_PER_MM        12.1270
$END

$FILMID              "14 X 17 IN - L"
    FILMSIZE             14INX17IN
    RESOLUTION           STANDARD
    ORIENTATION          LANDSCAPE
    HCP_ORIENTATION      PORTRAIT
    ROWS                 4170
    COLS                 4972
    PIXELS_PER_MM        12.1270
$END
```

7 Supported Printers (Version PRN.A.3.0.02)

Supplier	Printer	Printer Definition File
3M	Imation 8100	3M_8100
	Imation 8300	3M_8300
	Imation 8500	3M_8500
	Imation 8600	3M_8600
	Imation 8700	3M_8700
	Imation HQ969	3M_HQ969
Kodak	Kodak KELP100XLP	KOD_KELP100XLP
	Kodak KELP1120 DPS	KOD_KELP1120_DPS
	Kodak KELP1120 PIU	KOD_KELP1120_PIU
	Kodak KELP2180 DPS	KOD_KELP2180_DPS
	Kodak KELP2180 PIU	KOD_KELP2180_PIU
	Kodak MLP190	KOD_MLP190
	Kodak XLT7720	KOD_XLT7720
Sterling	Sterling DI200	STE_DI200
	Sterling DI400	STE_DI400
	Sterling LP400	STE_LP400
	Sterling SIJ100	STE_SIJ100
	Sterling SIJ400	STE_SIJ400
	Sterling SIJ400 Paper	STE_SIJ400papter
Fuji	Fuji FL-IM D	FUJ_FL_IMD
	Fuji FL-IM DM	FUJ_FL_IMDM
	Fuji FL-IM3543II	FUJ_IM3543
	Fuji FL-IM3535II	FUJ_FL-IM3535II
	Fuji FL-IM2636II	FUJ_IM2636
	Fuji CR-LP D	FUJ_CR-LPD
	Fuji CR-LP415	FUJ_CR-LP415
	Fuji FM-DP L	FUJ_FM-DPL
	Fuji CR-DP L	FUJ_CR-DPL
	Fuji FM-DP2636	FUJ_FM-DP2636
	Fuji FM-DP3543	FUJ_FM-DP3543
	Fuji CR-DP T	FUJ_CR-DPT
	Fuji CR-DP3543T	FUJ_CR-DP3543T
Agfa	DI2000	DI2000
	DI3000 1114	DI3000_1114
	DI3000 1414	DI3000_1414
	DI3000 1417	DI3000_1417
	DI4500	DI4500
	DI4500 Low Res	DI4500LR
	LR3300	LR3300
	LR5200	LR5200
	LR5200 High Res	LR5200HR
Codonics	NP1600	COD_NP1600
	NP1660	COD_NP1660